



MOUNTING HEIGHT	ARM LENGTH	TOP OF BASE			BOTTOM OF BASE		
		MIN WIDTH 'W'	BOLT	BOLT CIRCLE	MIN WIDTH 'W'	ANCHOR BOLT	BOLT CIRCLE
LESS THAN 40'	LESS THAN 30'	13"	1"	13 1/2"	13"	1"	13 1/2"
	30'	15"	1 1/4"	15"	15"	1 1/4"	15"
40'	LESS THAN 30'	13"	1"	13 1/2"	13"	1"	13 1/2"
	25' - 30'	15"	1 1/4"	15"	15"	1 1/4"	15"
50'	LESS THAN 10'	13"	1"	13 1/2"	13"	1"	13 1/2"
	10' - 20'	15"	1 1/4"	15"	15"	1 1/4"	15"

BREAKAWAY TRANSFORMER BASE SHALL BE USED WHEN LIGHTING STRUCTURE IS NOT PROTECTED FROM TRAFFIC AND SHALL BE APPROVED AS BREAKAWAY BY FHWA

#### NOTES:

1. THE CONTACT AREA BETWEEN THE TRANSFORMER BASE AND CONCRETE FOUNDATION SHALL BE SHOP COATED WITH COAL TAR EPOXY BITUMASTIC 300 M. OR EQUAL, MEETING SSPC-PAINT 16 SPECIFICATIONS. THE THICKNESS OF THE COATING SHALL BE BETWEEN 6 AND 8 MILLS. THE COATING SHALL BE COMPLETELY DRY BEFORE INSTALLATION. THE TOP OF THE FOUNDATION SHALL NOT BE PAINTED.
2. TOP AND BOTTOM OF BASE MAY BE SLOTTED FOR BOLT CIRCLE. SLOT MUST ACCOMMODATE DIMENSION SHOWN.

SPECIFICATION <b>821</b>	CATEGORY CODE ITEMS
APPROVED	 DIRECTOR - OFFICE OF TRAFFIC AND SAFETY
	APPROVAL • SHA REVISIONS
	APPROVAL 7-1-94
	REVISED 10-1-01
	REVISED
	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION
	APPROVAL 7-1-94
	REVISED 2-1-01
	REVISED
	REVISED

## Maryland Department of Transportation STATE HIGHWAY ADMINISTRATION

STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

### BREAKAWAY TRANSFORMER BASE FOR LIGHTING STRUCTURE

STANDARD NO.

MD 821.02